

## ABSTRACT

Apparatus and methods for the power and computer assisted injection of local anesthesia into a patient in which anesthesia pressure is automatically monitored as an input to the computer, in which the patient is able at any time to order the automatic reduction of anesthetic pressure, in which a single pole switch is the only control input to the computer required of the  
5 doctor administering the injection, and/or in which the flow rate of anesthesia from the needle continuously increases with time over a substantial portion of the injection.

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